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Contribution to the knowledge of the Pentatomidae (Heteroptera) fauna of Turkey

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A b s t r a c t : This study is based upon material of Pentatomidae collected from different localities in Turkey between 1963 and 2008. In this study a total 35 species from 21 genera belonged to three subfamilies (Asopinae, Podopinae and Pentatominae) of the family Pentatomidae were recorded in Turkey. In addition, new localities were found for some species which have already been reported in Turkey.

K e y w o r d s : Heteroptera, Pentatomidae, Fauna, Turkey.

Introduction

The pentatomids are known as Stink Bugs or Shield Bugs. They are frequently found in large numbers on crops and weeds. If disturbed, they will emit a pungent, evil-smelling liquid. They are mostly brown, some are greenish, although a few are highly colored. Stink bugs are distinguished from other bugs by their 3rd thorax, or the triangular scutellum, which is well extended to cover half of their back, but not covered the whole abdomen. Their legs are thin and with no spines. The antennae are four or five segmented. Their body is usually in shield-shaped. Nymphs look similar to their adults except they are wingless. Stink bugs mating occur in spring and/or summer, depending on the species. Eggs are laid in tight clusters glued to a host plant, usually on the underside of leaves or under barks. After hatching, the first instars often stay together with the empty egg-shell until they moult become the second instars. Then they disperse in search of food. Nymphs undergo five metamorphoses to become adults. Most of the Stink Bug species are plant suckers although some are predators to other insects. Some species in this family exhibit maternal care by standing guard over their egg batches. All Stink Bugs are active during the day. Pentatomidae is a cosmopolitan containing about 4112 species from 642 genera belonged to four subfamilies (Asopinae, Phyllocephalinae, Podopinae and Pentatominae) (RIDER 2002).

Some faunistic studies on this family in the Turkey have been made by AHMAD et al. (1990), FENT & AKTAÇ (1999), AWAD & PEHLIVAN (2001), BEYAZ & TEZCAN (2002), BOLU et al. (2006), KIYAK et al. (2004), KMENT & JINDRA (2005), LODOS et al. (1978, 1987, 1998), LODOS & ÖNDER (1983), ÖNDER et al. (1981, 1984), ÖZGEN et al. (2005a,b), TEZCAN & ÖNDER (1999, 2003).

The material of the family Pentatomidae was collected from different localities of Turkey

in 1963-2008. Provinces of the collected specimens are given in alphabetical order in the following list. The material is deposited in the Entomology Museum, Erzurum, Turkey (EMET).

Result

In this study, two species belonging to two genera from Asopinae, three species belonging to one genus from Podopinae and 28 species belonging to 18 genera from Pentatominae are recorded. As a result a total 35 species from 21 genera belonged to three subfamilies of the family of Pentatomidae were recorded in Turkey.

Family *Pentatomidae* LEACH 1815

Subfamily *Asopinae* AMYOT & SERVILLE 1843

Genus *Picromerus* AMYOT & SERVILLE 1843

Picromerus brachypterus AHMAD & ÖNDER 1990

Material examined: Bolu: Abant, 20.VII.1995, ♀; İzmir: Seferihisar, 21.VIII.1998, ♀; Rize: 8.VII.1990, ♀, 10.VII.1990, ♀, 26.VIII.1990, ♀, ♂, Anbarlık, 26.VIII.1990, 2 ♀ ♀.

Genus *Zicrona* AMYOT & SERVILLE 1843

Zicrona coerulea (LINNAEUS 1758)

Material examined: Erzurum: University field, 1850 m, 30.V.1992, ♀, 20.VI.2007, ♀, ♂, 24.VII.2007, ♀, ♂, 3.VIII.2007, ♀, 9.VII.2008, 2 ♀ ♀, 11.VII.2008, ♀, 23.VII.2008, 3.VIII.2008, 7 ♀ ♀, 4.VIII.2008, ♀, ♂, 8.VIII.2008, 8 ♀ ♀, 4 ♂ ♂, Aşkale, Adaçay, 1950 m, 11.VII.1990, ♀, Tortum, Aksu, 2250 m, 14.VII.1996, ♀, Tafta, 20.VI.1992, ♀; İğdir: 10.VII.1980, 2 ♀ ♀, ♂, Aralık, Aşağı Çamurlu, 900 m, 24.VIII.1997, 5 ♀ ♀, 3 ♂ ♂, Tuzluca, 24.VIII.1997, 3 ♀ ♀, 6 ♂ ♂; Kars: Sarıkamış, Akkurt, 1650 m, 25.VIII.1997, ♂; Rize: Ovit, 2300 m, 29.VII.2000, ♂.

Subfamily *Pentatominae* STÅL 1864

Tribe *Aelini* STÅL 1872

Genus *Aelia* FABRICIUS 1803

Aelia acuminata (LINNAEUS 1758)

Material examined: Erzurum: University field, 30.VII.1990, ♀, Pasinler, 1600 m, 19.VI.1996, ♀, Şenkaya, 14.VII.1997, ♀; Kars: Hanak, 18.IX.1996, ♂; Trabzon: 8.VII.1990, ♂, 10.VII.1990, ♀.

***Aelia rostrata* BOHEMAN 1852**

Material examined: Adana: Kozan, 28.VII.1984, ♀; Adivaman: 10.IX.1990, ♂, Besni, 29.VIII.1993, ♂; Ankara: Haymana, 21.VIII.1997, ♀, 23.VIII.1997, ♀, Kalecik, 30.VII.1990, ♀, 17.VIII.1990, ♂, 23.VIII.1990, ♀, Polatli, 10.VIII.1990, ♀, Şereflikoçhisar, 10.VIII.1983, 5♀, 6♂♂, 15.VIII.1983, 8♀, 2♂♂; Antalya: 1.VIII.1984, ♀; Elazığ: 21.VII.1967, 2♀, 2♂♂, Karakoçan, 14.IX.1963, ♀; Erzurum: Palandöken, 2400 m, 1.VII.2007, ♀, University field, 1850 m, 3.VI.1983, ♀, 7.VI.2007, ♀, 14.VI.2007, ♀, 15.VI.2007, 2♂♂, 22.VI.2007, ♀, ♂, 23.VI.2007, 2♂♂, 26.VI.2008, 2♀, 27.VI.2007, ♀, ♂, 1.VII.2007, ♀, 1.VII.2008, 2♀, 3.VII.2008, 3♀, 16.VII.2008, ♀, 23.VII.2007, ♀, 2♂♂, 23.VII.2008, ♀, 27.VII.2007, ♀, ♂, 31.VII.2007, ♀, 1.VIII.2007, ♀, 3.VIII.2007, ♀, 8.VIII.1983, ♀, ♂, Ilıca, Yoncalık, 1900 m, 19.VIII.2007, 2♀, Pasinler, Ağcalar, 1850 m, 22.VIII.2007, ♀, 25.VIII.2007, ♀, Oltu, 1750 m, 17.VI.1996, ♀, Sütkans, 1500 m, 10.VII.1990, ♀, Şenkaya, Hoş, 12.VI.1996, ♀, Turnalı, 1750 m, 25.VII.1996, ♀; Eskişehir: 20.VII.1984, 3♀, 2♂♂, 27.VII.1990, ♀; Gaziantep: 16.VII.1993, ♀, 18.VIII.1993, ♂; Iğdır: 14.VI.1969, ♂, 25.V.1971, ♀; İzmir: Gümlükdür, 15.IV.1976, ♀; Kayseri: Sarıoğlu, 27.VIII.1997, 2♀, 8♂♂, Sarız, 5.IX.1990, ♀, ♂; Kırşehir: 15.VII.1993, ♂; Konya: University field, 13.VII.1997, ♀, Beyşehir, Gökçimen, 3.VII.1997, ♀, 21.VII.1997, 2♀, ♂, 21.VIII.1997, ♀, ♂; Mardin: 8.VIII.1973, ♂, 15.VIII.1973, 2♀, 2♂♂; Mersin: Silifke, 14.VII.1997, ♀; Muğla: Marmaris, 5.VIII.1993, ♀; Mus: 1.VI.1972, ♀; Yozgat: Sorgun, 25.VIII.1990, ♀.

Genus *Neottiglossa* KIRBY 1837***Neottiglossa leporina* (HERRICH-SCHÄFFER 1830)**

Material examined: Erzurum: Dumlulu, 28.VII.1994, ♀, Palandöken, 2400 m, 1.VII.2007, 6♀, 2♂♂, Oltu, 1750 m, 28.VI.1971, ♀, Tortum, Arılı, 1600 m, 7.VIII.1996, ♂; Iğdır: 25.VI.1971, 2♀, 3♂♂.

Tribe *Carpocorini* STÅL 1846**Genus *Carpocoris* KOLENATI 1846*****Carpocoris fuscispinus* (BOHEMAN 1849)**

Material examined: Adana: Balcalı, 12.VI.1993, ♀; Amasya: 14.VII.1993, ♀; Ankara: Şereflikoçhisar, 10.VIII.1983, ♀; Ardahan: 20.VII.1973, ♂; Bayburt: Kop Mountain, Şehitler Çeşmesi, 2400 m, 21.VIII.2008, ♀; Erzincan: Tercan, 26.IX.1979, ♀, 2♂♂; Erzurum: Kargapazarı Mountain, 14.VIII.1997, 2♀, Palandöken, 2400 m, 1.VII.2007, ♂, 13.VII.2007, ♀, 6.VIII.2007, ♂, University field, 1850 m, 26.VI.2008, ♂, 2.VII.2008, ♀, 2♂♂, 3.VII.2008, ♂, 4.VII.2008, ♀, 9.VII.2008, 2♀, 11.VII.2008, ♀, 16.VII.2008, ♀, 24.VII.2007, ♀, 24.VII.2008, 4♀, 25.VII.2007, ♀, 30.VII.2008, 3♀, 1.VIII.2008, ♀, 3.VIII.2008, 2♂♂, 29.VIII.2007, ♂, 30.VIII.2007, ♂, 1.IX.2007, ♀, 2♂♂, 3.IX.2007, ♀, 14.IX.2007, ♀, Horasan, 11.V.1973, ♂, Olur, Süngübayır, 1850 m, 15.VIII.1990, ♂, Şenkaya, Düzmeşe, 23.V.1977, 3♂♂, Tortum, Arılı, 1600 m, 7.VIII.1996, ♂, Derekapı, 1400 m, 9.VI.1974, ♀; Kars: Digor, 13.VIII.1997, ♀; Konya: Beyşehir, Gökçimen, 12.VII.1997, ♂; Mus: 9.X.1972, ♀.

***Carpocoris mediterraneus* TAMANINI 1958**

Material examined: Adana: 30.VIII.1992, ♀, 31.VIII.1992, ♀, 1.IX.1992, ♂, Kozan, 24.IX.1984, ♀, Yumurtalık, 25.VII.1993, ♀; Amasya: Hacıköy, 26.VIII.1993, 2♂♂; Antalya: 24.VI.1984, ♀, 2.VII.1984, ♂, 24.VII.1984, 2♀, 3♂♂, 24.VIII.1984, ♂, Gazipaşa, 16.VII.1996, ♂, Serik, 14.VI.1995, ♀, 3.VIII.1984, ♀, Topçam, 5.VII.1991, ♀, 2♂♂; Artvin: 4.VII.1996, ♂, 5.VII.1996, ♂; Burdur: Yarıklı, Yeşilova, 1.VII.1996, ♂, 2.VII.1996, ♀, 2.VIII.1996, ♀, ♂; Bursa: Ulubat Lake, 13.VIII.1984, ♂, İnegöl, 10.VIII.1983, ♂; Erzurum: İspir, Kan, 20.VIII.1997, ♀,

Sütkans, 1500 m, 4.VI.1990, ♀, ♂, Olur, Süngübayır, 1850 m, 24.VII.1996, ♀, Şenkaya, Akşar, 1300 m, 23.VIII.1997, 3♂♂, Turnalı, 1750 m, 3.VI.1989, ♀, 28.VI.1991, ♀, 25.VII.1996, 2♂♂, Tortum, 1600 m, 27.VII.1998, 2♀♀, ♂, Gümüşhane: Torul, 25.IX.1994, ♂, Hatay: 21.VIII.1993, ♀, ♂, Erzin, 8.VII.1995, ♂, İskenderun, Demeç, 14.IX.1990, 2♂♂, Isparta: Eğirdir, 16.VII.1991, ♂, Ağıl, 16.VII.1991, ♀, İstanbul: Erenköy, 24.VII.1984, ♂, Kartal, 2.VIII.1984, ♂, Şile, 2.VIII.1984, ♀, İzmir: Bornova, 27.VII.1984, ♂, Kemalpaşa, 20.VIII.1984, ♂, Kahramanmaraş: Başkonuş, 1650 m, 25.VIII.1999, ♀, Konya: 9.VII.1995, ♂, Güneysınır, Gürağaç, 1017 m, 6.VI.1999, ♂, 21.VI.1999, ♀, 22.VI.1999, ♂, Manisa: 14.VIII.1984, ♀, Akhisar, 15.VIII.1984, 2♀♀, ♂, Mersin: 4.IX.1992, ♂, Aydıncık, 10 m, 27.VII.2005, ♂, Silifke, 14.VII.1997, ♂, 21.VII.1997, ♀, Muğla: 8.VIII.1983, ♀, 11.VIII.1983, ♀, 14.VIII.1983, ♂, Datça, Kızlan, 1.VII.1997, 6♂♂, 3.VII.1997, ♂, 6.VII.1997, ♂, 20.VII.1997, 2♂♂, Mus: 8.VII.1996, ♀, Osmaniye: Çiftmazı, 24.VI.1980, 2♀♀, Kabayar, 16.VII.1997, ♂, Trabzon: Beşikdüzü, 15.IX.1994, ♂, 20.IX.1994, ♀.

Carpocoris melanocerus MULSANT 1852

Material examined: Amasya: 26.VII.1993, ♂, Hacıköy, 26.VIII.1993, ♀, Ankara: 28.VII.1997, ♂, 22.VIII.1995, ♂, Kalecik, 12.VIII.1990, ♂, Antalya: 24.VII.1984, ♀, 3.IX.1995, ♂, Artvin: 26.VII.1996, ♀, Burdur: Yarıklı, Yeşilova, 1.VIII.1996, 2♂♂; 2.VII.1996, ♂, Erzincan: Tercan, 26.IX.1979, 4♀♀; Erzurum: University field, 1850 m, 26.VII.2007, ♂, 4.VIII.2007, ♂, İspir, 1300 m, 20.VIII.1970, ♀, Madenköprübaşı, 1100 m, 7.VII.1996, ♀, 2♂♂, Şenkaya, Allahüekber Mountain, 14.VII.1997, ♀, ♂, Akşar, 1300 m, 23.VIII.1997, ♂, 29.VIII.1997, ♂, Turnalı, 1750 m, 27.VII.1996, ♂, 5.IX.1990, ♂, Tortum, 1600 m, 27.VII.1998, 2♂♂, Uzundere, Şelale, 1000 m, 9.VI.1996, ♀, Hatay: 21.VIII.1993, ♂, İğdir: Küllük, 24.VIII.1997, ♀, Melekli, 28.VII.1997, 2♂♂, 24.VIII.1997, ♂, Aralık, 2.VIII.1997, ♂, 18.VII.1997, ♀, ♂, 19.VII.1997, ♂, Isparta: Senirkent, 17.VII.1996, ♂, İzmir: Bornova, 27.VII.1984, 2♂♂; Kars: Kağızman, 9.VII.1980, ♂, Konya: Beyşehir, Gökçimen, 3.VII.1997, ♂, 26.VII.1997, ♂, Güneysınır, Gürağaç, 1017 m, 18.VI.1999, ♂, 19.VII.1999, 2♂♂, 21.VII.1999, ♂, Malatya: Çiğlık, 1150 m, 23.VII.2005, ♀, ♂, Manisa: 14.VIII.1984, ♂, Muğla: 1.IX.1983, ♂, Mus: 16.VII.1996, ♂, Bağlar, 15.VII.1996, ♂.

Carpocoris purpureipennis (DE GEER 1773)

Material examined: Adana: Karaisaltı, Kızıldağ, Akpınar, 1650 m, 22.VII.2007, ♀, Antalya: Gazipaşa, 16.VII.1996, ♀, Topçam, 5.VII.1991, ♂, Artvin: Yusufeli, 26.VII.1996, ♀, Bitlis: 28.V.1985, ♂, Burdur: Yarıklı, Yeşilova, 1.VIII.1996, 2♀♀; Bursa: 14.VII.1996, ♂, Karacabey, 3.VII.1984, ♀, Erzincan: 9.VII.1990, ♂, Erzurum: İspir, Madenköprübaşı, 1100 m, 17.VII.1992, ♀, Oltu, 1750 m, 18.VI.1996, ♀, Sütkans, 1500 m, 4.VI.1990, ♀, 18.VI.1996, ♀, 1.VII.1990, ♀, Şenkaya, 29.VI.1989, ♀, 14.VII.1997, ♀, Düzmeşe, 23.V.1977, 5♀♀, 9♂♂, Turnalı, 1750 m, 25.VII.1996, ♂, Tortum, Aralı, 1600 m, 7.VIII.1996, ♂, Derekapı, 9.VI.1974, 10♀♀, 4♂♂, Pehlivanlı, 1300 m, 12.VII.1992, ♀, Hatay: İskenderun, Demeç, 14.IX.1990, ♂, İğdir: 25.VII.1971, ♀, Küllük, 24.VIII.1997, 2♀♀, 30.VIII.1997, ♂, Melekli, 28.VII.1997, ♂, 24.VIII.1997, ♀, Kars: Sarıkamış, 2050 m, 14.VIII.2008, ♀, ♂, Karakurt, 24.VI.1989, ♂, Konya: 9.VII.1995, 3♀♀, Bozkır, 25.IX.1995, ♀, Güneysınır, Gürağaç, 1017 m, 21.VI.1999, ♂, 22.VI.1999, 2♀♀, Mersin: Tarsus, 3.VII.1993, ♀, ♂, Muğla: Datça, Kızlan, 6.VII.1997, ♀, Mus: 10.VII.1996, ♀, 18.VIII.1996, ♀, 9.IX.1972, 2♂♂, Osmaniye: Kabayar, 15.VII.1997, ♀, Trabzon: 18.VII.1990, ♀, Tunceli: Pülümür, 18.V.1976, ♂, Yalova: 14.VIII.1996, ♀.

Genus *Cnephosa* JAKOVLEV 1880

Cnephosa flavomarginata JAKOVLEV 1880

Material examined: Bitlis: 28.VIII.1989, 4♀♀, 3♂♂; Kars: Sarıkamış, Karakurt, 24.VI.1989, ♀, 2♂♂.

Genus *Codophila* MULSANT & REY 1866***Codophila pusio* (KOLENATI 1846)**

Material examined: Ankara: Polatlı, 10.VIII.1980, ♀; Erzincan: Tercan, 26.IX.1979, ♀; Erzurum: University field, 1850 m, 9.VII.2008, ♂, 20.VII.2007, 2♀♀, 21.VII.2007, ♀, 31.VII.2007, ♀, 1.VIII.2008, ♀, 14.VIII.2007, ♀, 18.VIII.2008, ♂, 20.VIII.2007, ♂, Oltu, 1750 m, 20.VII.1970, 4♀♀, ♂, 3.IX.1987, ♂, Pasinler, 1600 m, 25.VII.1983, 2♀♀, 25.VII.1987, ♂, 26.VII.1980, ♀, 29.VIII.1987, 2♀♀; Kars: Kağızman, 25.VII.1997, ♂; Konya: University field, 14.VII.1997, ♀.

***Codophila varia* (FABRICIUS 1787)**

Material examined: Erzincan: Tercan, 26.IX.1979, ♀; Erzurum: University field, 9.IX.2007, ♀, İspir, Madenköprübaşı, 1100 m, 7.VII.1996, ♀; Hatay: Dömen, 14.VI.1990, ♀; Konya: Güneysınır, Gürağaç, 21.VI.1999, ♀, 22.VI.1999, 2♀♀; Mersin: Silifke, 25.VII.1984, ♀; Muğla: Datça, Kızılın, 4.VII.1997, ♂; Mus: 16.VII.1996, ♂.

Genus *Dolycoris* MULSANT & REY 1866***Dolycoris baccarum* (LINNAEUS 1758)**

Material examined: Adana: 10.III.1969, ♂, Karaisalı, Kızıldağ, Akpınar, 1650 m, 22.VII.2007, ♀, Kozan, 13.VIII.1983, ♀, Sarımaç, 10.III.1969, ♀, Yumurtalık, 5.IV.1992, ♂; Adıyaman: Kahta, Nemrut Mountain, 1650 m, 2.VII.2008, ♀, 2♂♂; Ankara: Şereflikoçhisar, 10.VIII.1983, ♂, 15.VIII.1983, ♀; Antalya: 15.VIII.1990, ♀, Kumluca, 2.VII.1993, ♂, Serik, 3.VIII.1984, ♀, 11.VIII.1993, ♀, 14.IX.1995, ♀, Boztepe, 10.VIII.1992, ♀; Ardahan: 30.V.1973, ♀; Artvin: Hopa, 9.IX.1994, ♀, Çamlıköy, 1.IX.1994, ♀; Batman: 30.VI.1993, ♂; Erzincan: 9.VII.1990, 2♀♀, Refahiye, 8.IX.1987, ♀, Tercan, 29.VI.1980, ♀, 26.IX.1979, ♂, Üzümlü, 1.VII.1992, ♀; Erzurum: Akdağ, 25.VI.1980, ♂, Köşk, 20.VI.1971, ♀, Palandöken, 2400 m, 25.VII.2007, ♀, University field, 1850 m, 5.VII.2007, ♀, 8.VII.2007, ♀, 13.VII.2007, ♀, 14.VII.2007, ♀, 15.VII.2007, ♀, 18.VII.1972, ♂, 20.VII.1971, ♂, 20.VII.2007, 2♀♀, 28.VII.2007, ♀, 4.VIII.2007, ♀, 6.VIII.2008, ♀, Aşkale, Çayköy, 1800 m, 28.VIII.2007, ♂, İspir, Madenköprübaşı, 1100 m, 7.VII.1996, ♀, ♀, Narman, Beyler, 12.VI.1996, ♀, ♂, Oltu, 1750 m, 25.VI.1971, ♀, 3.IX.1987, ♂, Çamlıbel, 1700 m, 14.VII.1996, 2♀♀, Sütökan, 1500 m, 1.IX.1990, Pasinler, 1600 m, 13.VIII.1987, 13♀♀, 8♂♂, 18.VIII.1987, ♂, Şenkaya, 3.VI.1989, ♀, 14.VII.1997, ♂, 5.IX.1990, ♂, Düzmeşe, 23.V.1977, 5♀♀, 4♂♂, Güzelyalı, 22.VII.1993, ♀, Turnalı, 1750 m, 25.VI.1991, 2♀♀, ♂, 5.IX.1990, ♂, Tortum, 25.VII.1972, 4♂♂, Arılı, 1600 m, 7.VIII.1996, ♀, Derekapı, 1400 m, 8.VI.1974, ♂, 9.VI.1974, 3♀♀, 9♂♂, Kireçlidağ, 2100 m, 25.VI.1996, ♂; Gaziantep: 20.VIII.1993, ♀; Hatay: İskenderun, Dömen, 14.IX.1990, ♀, ♂; ♀; İstanbul: Beykoz, 30.VII.1984, ♀; Kars: Kümbetli, 27.VII.1994, ♂, Sarıkamış, 2050 m, 14.VIII.2008, ♀, ♂; Kayseri: Sarız, 7.VII.1990, ♀; Konya: Beyşehir, Gökçimen, 26.VII.1997, 3♀♀, 2♂♂, Güneysınır, Gürağaç, 1017 m, 21.VI.1999, ♀, 23.VI.1999, ♂, 19.VII.1999, Mersin: Gülova, 20.VII.1990, ♀, Silifke, 14.VII.1997, ♀, Tarsus, 3.VII.1983, 4♀♀, ♂, 4.VII.1993, 2♀♀, ♂, 6.VII.1993, 3♀♀, 7.VII.1993, ♀; Muğla: 14.VII.1996, ♀, 10.VIII.1983, ♀, 25.VIII.1983, ♀, 28.VIII.1983, ♀, Yatağan, 2.IX.1986, ♀; Mus: 21.VII.1971, ♀, 9.IX.1972, 3♀♀, 6.VII.1996, ♂; Osmaniye: 14.VII.1997, ♀; Sanlıurfa: Ceylanpınar, 400 m, 4.VII.1996, 2♀♀, 3♂♂; Trabzon: 11.VII.1990, ♀, 10.VII.1993, ♀, Beşikdüzü, 15.IX.1994, ♂.

Genus *Holcostethus* FIEBER 1860***Holcostethus vernalis* (WOLFF 1804)**

Material examined: Adıyaman: Kahta, Nemrut Mountain, 1650 m, 2.VII.2008, ♂; Aydın: 20.VII.1992, ♂; Bayburt: Aydıntepe, 1550 m, 21.VIII.2008, ♂; Bursa: 1.VIII.1984, ♀;

Erzurum: Pasinler, 1600 m, 1.VIII.1986, 4♂♂, 13.VIII.1987, ♀; Giresun: 30.VII.1984, ♀, 3♂♂; İstanbul: Beykoz, 30.VII.1984, ♂; İzmir: Kemaliye, 20.VIII.1979, ♀, ♂; Kars: Kağızman, 23.VII.1991, ♀; Ordu: Ünye, 18.VIII.1991, ♀.

Genus *Palomena* MULSANT & REY 1860

***Palomena prasina* (LINNAEUS 1761)**

M a t e r i a l e x a m i n e d : Erzurum: Palandöken, 2400 m, 22.VII.2007, ♀, University field, 1850 m, 15.VI.2007, ♀, ♂, 23.VII.2008, ♀, Tortum, Derekapı, 1400 m, 9.VI.1974, ♀; Iğdır: 25.VII.1997, ♂.

Genus *Rhombocoris* MARY 1864

***Rhombocoris regularis* (HERRICH-SCHÄFFER 1851)**

M a t e r i a l e x a m i n e d : Bayburt: Kop Mountain, 2400 m, 28.VI.1990, ♀; Erzurum: Palandöken, 2500 m, 23.VII.2007, ♀.

Tribe *E u r y d e m i n i* DISTANT 1902

Genus *Bagrada* STÅL 1862

***Bagrada kaufmanni* OSHANIN 1870**

M a t e r i a l e x a m i n e d : Artvin: Yusufeli, 6.VI.1991, ♂; Erzurum: Olur, Coşkunlar, 1100 m, 26.VI.1996, ♀.

Genus *Eurydema* LAPORTE De CASTELNAU 1832

***Eurydema blandum* HORVATH 1903**

M a t e r i a l e x a m i n e d : Ankara: 31.VII.1997, ♀; Artvin: Oruçlu, 16.VI.1973, ♀; Burdur: 3.VIII.1993, 6♀♀, ♂, 4.VIII.1993, ♂; Erzurum: University field, 1850 m, 18.V.2007, 3♂♂, 14.VI.1974, ♀, 14.VI.2007, 2♀♀, 15.VI.2007, ♀, 26.VI.2007, ♀, 26.VI.2008, ♂, 30.VI.2007, ♂, 1.VII.2008, 2♀♀, 2.VII.2008, 2♀♀, 7.VII.2008, 14♀♀, 14♂♂, 16.VII.2008, ♀, 23.VII.2008, 4♀♀, 4♂♂, 24.VII.2007, ♂, 24.VII.2008, ♂, 3.VIII.2007, ♂, 8.VIII.2008, 2♀♀, 18.VIII.2007, ♀, 18.VIII.2008, 4♀♀, ♂, İspir, Madenköprübaşı, 1100 m, 7.VII.1996, 2♀♀, Oltu, 1750 m, 12.VI.1996, ♂, 25.VI.1971, ♀, Şenkaya, Düzmeşe, 23.V.1977, ♀, ♂, Hoş, 12.VI.1996, ♀, Turnalı, 1750 m, 25.V.1994, ♂, Tortum, Pehlivanlı, 1300 m, 29.VI.1990, ♀; Gaziantep: 20.VIII.1993, ♀; İstanbul: 20.VII.1971, ♀, Beykoz, 30.VII.1984, ♀, Kartal, 2.VIII.1984, ♂; Konya: University field, 11.VII.1997, ♀, 14.VII.1997, ♀, Beyşehir, Gökçimen, 12.VII.1997, ♀, Gurağaç, 10.VII.1998, ♂; Manisa: Saruhanlı, 14.VIII.1984, ♀, ♂; Mersin: 17.IV.1963, ♀; Muğla: 12.VIII.1983, 2♀♀, ♂, Datça, Kızlan, 4♀♀, 2♂♂.

***Eurydema formosum* (PUTON 1895)**

M a t e r i a l e x a m i n e d : Giresun: 29.VII.1994, ♀.

***Eurydema laticolle* HORVATH 1907**

M a t e r i a l e x a m i n e d : Mersin: Silifke, 26.VII.1984, 3♀♀.

***Eurydema oleraceum* (LINNAEUS 1758)**

Material examined: Bayburt: Aydıntepe, 1550 m, 21.VIII.2008, ♀; Erzurum: Palandöken, 2400 m, 1.VII.2007, 2♂♂, University field, 1850 m, 4.VII.2008, ♀, 8.VIII.2007, 2♂♂, Pasinler, Rabat, 2400m, 11.VII.1996, ♀, Şenkaya, 14.VII.1997, ♀, ♂, Turnalı, 1750 m, 25.VII.1996, ♂, Tortum, Kireçlıdağ, 2100 m, 25.VI.1996, ♀; Giresun: 20.VII.1984, 8♀♀, 5♂♂; Kars: Sarıkamış, 2050 m, 14.VIII.2008, 2♀♀, 2♂♂; Trabzon: Kadirga, 13.VIII.1993, ♀.

***Eurydema ornatum* (LINNAEUS 1758)**

Material examined: Adana: Karaisalı, Kızıldağ, Akpınar, 1650 m, 22.VII.2007, 2♀♀, Kozan, 25.VI.1984, ♀; Adıyaman: Hasancık, 650 m, 3.VII.2008, ♀; Amasya: 6.VIII.1983, ♀; Ankara: 28.VII.1997, ♂; Antalya: 1.VIII.1984, ♂, 4.VIII.1997, ♀, ♂, Kumluca, 11.VIII.1993, ♂; Burdur: 3.VIII.1993, ♂, 4.VIII.1993, 4♀♀, 3♂♂, 5.VIII.1993, 2♀♀, 6.VIII.1993, ♀, 3♂♂, 9.VIII.1983, ♀, 9.VIII.1993, ♀, ♂, 10.VIII.1993, 3♀♀, 12.VIII.1993, ♀; Elazığ: İçme, 900 m, 23.VII.2005, ♂; Erzincan: 9.VII.1990, ♀; Erzurum: University field, 1850 m, 28.VI.2007, ♂, 9.VII.2007, ♀, 23.VII.2008, 2♀♀, 4♂♂, 24.VII.2008, ♀, ♂, 30.VII.2008, 28♀♀, 15♂♂, 31.VII.2007, ♀, 1.VIII.2008, 7♀♀, 9♂♂, 3.VIII.2008, 9♀♀, 12♂♂, 4.VIII.2008, 3♀♀, ♂, 8.VIII.2008, 16♀♀, 5♂♂, 18.VIII.2008, 7♀♀, 10♂♂, 10.IX.2007, ♀, 14.IX.2007, ♂, Aşkale, Çayköy, 1800 m, 29.VIII.2007, ♀, İspir, 1300 m, 30.VII.1990, 2♀♀, ♂, Madenköprübaşı, 1100 m, 7.VII.1996, ♀, Oltu, 1750 m, 10.VII.1985, ♂, Şenkaya, Akşar, 1300 m, 23.VIII.1997, ♀, Düzmeşe, 23.V.1977, ♂, Sarıkayalar, 21.VIII.1997, ♀; Gaziantep: 8.VIII.1993, ♀, 20.VIII.1993, ♀; Giresun: 19.VII.1984, 2♀♀, ♂, 20.VII.1984, ♀, ♂; Gümüşhane: Torul, 9.VIII.1994, ♀; İğdir: 25.VI.1971, ♀, Küllük, 22.VIII.1991, ♀, 24.VIII.1997, ♀, ♂; İstanbul: Beykoz, 30.VII.1984, ♀, Çamlıca, 22.VII.1984, ♀, 3♂♂; Konya: University field, 13.VII.1997, 2♂♂, Güneysınır, Gurağaç, 1017 m, 10.VII.1998, ♀, 19.VII.1999, ♀; Manisa: Saruhanlı, 14.VIII.1984, 3♀♀; Mersin: Aydıncık, 6.VIII.2006, ♀, Silifke, 21.VII.1997, 2♀♀, 26.VII.1984, ♂; Muğla: Datça, Kızılan, 4.VII.1997, ♀, ♂, 6.VII.1997, 2♀♀; Trabzon: 9.VII.1990, ♀, 11.VII.1990, 3♀♀, 12.VII.1990, ♀, 20.VII.1990, ♀, 24.VII.1990, ♀; Yozgat: Boğazlıyan, 23.VII.1994, ♀.

***Eurydema ventrale* KOLENATI 1846**

Material examined: Adana: Yumurtalık, 22.VII.1993, ♀, ♂, 3.VIII.1993, ♀, 9.VIII.1993, ♀; Antalya: 24.VII.1984, 3♀♀, 27.VII.1994, ♂, 2.VIII.1984, 6♀♀, 2♂♂, 2.VIII.1997, ♂, Serik, 17.VII.1993, ♀, 17.VIII.1993, ♀; Erzurum: University field, 1850 m, 30.V.2007, ♂, 10.VI.2007, ♀, 14.VI.2007, ♀, 2♂♂, 26.VI.2008, ♀, ♂, 2.VII.2008, 2♂♂, 4.VII.2008, ♀, 2♂♂, 7.VII.2008, ♀, 7♂♂, 23.VII.2008, ♀, ♂, 4.VIII.2008, ♀, 8.VIII.2008, ♀, 18.VIII.2007, 2♀♀, 3♂♂, Narman, 1600 m, 5.VII.1980, ♂, Oltu, 1750 m, 25.VI.1971, ♀, Şenkaya, Düzmeşe, 23.V.1977, ♀, ♂, Turnalı, 1750 m, 29.VI.1989, ♀, Tortum, 1600 m, 9.VI.1996, ♀, Kireçlıdağı, 2100 m, 25.VI.1996, ♀, Pehlivanlı, 1300 m, 29.VI.1990, 2♀♀; İstanbul: Erenköy, 14.VII.1984, ♀; İzmir: Bergama, 9.VIII.1984, ♂, Çınarlı, 12.VIII.1984, ♀; Mersin: Silifke, 20.VIII.1987, 3♀♀, 2♂♂; Trabzon: 18.VII.1990, ♀.

Tribe *Eysarcorini* MULSANT & REY 1866**Genus *Eysarcoris* HAHN 1834*****Eysarcoris inconspicuus* (HERRICH-SCHÄFFER 1844)**

Material examined: Adana: 19.VIII.1992, ♀, 2♂♂, Akçam, 7.IX.1993, ♀, 10.IX.1993, ♀, 13.IX.1993, ♀, 20.IX.1993, ♂, Karataş, 18.VII.1984, 2♂♂, Kozan, 28.VII.1984, ♀, 25.IX.1984, 3♀♀, ♂, Ankara: Çiftlik, 15.VIII.1994, ♀; Antalya: 1.VIII.1984, ♀; Bursa: Orhangazi, 30.VII.1984, ♀, 22.VIII.1984, ♀; Erzurum: University field, 1850 m, 25.IX.2007, ♂, İspir, Kan, 20.VIII.1990, ♀, Oltu, 10.VII.1985, ♀, 30.VII.1987, ♂; Gaziantep: 9.VII.1993, ♀; Hatay: 21.VIII.1993, ♂; İstanbul: Beykoz, 30.VII.1984, ♀, Kartal, 2.VIII.1984, 2♀♀; İzmir:

Çınarlı, 12.VIII.1984, 2 ♀ ♀; Ordu: Gölyalı, Turnasuyu, 13.VIII.1991, ♀, Ünye, 18.VIII.1991, ♂; Osmaniye: 22.VIII.1984, 2 ♀ ♀, ♂; Rize: 20.VIII.1990, ♀, Çamlıhemşin, 30.VII.2000, 500-1200 m, ♂; Samsun: 7.VI.1973, ♀; Trabzon: Kadirga, 13.VIII.1993, ♂, Vakfıkebir, Yıldız, 16.VII.1993, ♀, ♂, 17.VII.1993, 2 ♂ ♂.

Genus *Stagonomus* GORSKI 1852

Stagonomus bipunctatus (LINNAEUS 1758)

M a t e r i a l e x a m i n e d : Antalya: 1.VIII.1984, ♀; Konya: Güneysınır, Gurağaç, 1017 m, 19.VII.1999, ♀, ♂; Trabzon: Vakfıkebir, Yıldız, 17.VII.1993, ♀.

Stagonomus pusillus (HERRICH-SCHÄFFER 1830)

M a t e r i a l e x a m i n e d : Antalya: 1.VIII.1984, ♀.

Tribe H a l y i n i STÁL 1872

Genus *Apodiphus* SPINOLA 1837

Apodiphus amygdali (GEMMAR 1817)

M a t e r i a l e x a m i n e d : Adana: 28.VII.1995, ♂, 19.VIII.1993, 5 ♀ ♀, Kozan, 28.VII.1984, ♀, Yumurtalık, 30.VII.1993, ♀; Adıyaman: 12.VII.1990, ♀; Antalya: 24.VII.1984, ♂, 11.VIII.1997, ♂, Gazipaşa, 13.VII.1996, ♀, Manavgat, 7.VII.1996, ♀, 10.VII.1996, ♀, 30.VII.1996, ♀, 5.VIII.1996, 2 ♀ ♀, 2 ♂ ♂, Serik, 16.VIII.1996, ♀, Turunçova, 1.VIII.1995, ♀, 4.VIII.1995, ♀; Artvin: 5.VII.1996, ♀, 2 ♂ ♂, Yusufeli, 4.VI.1991, 2 ♀ ♀, 15.VIII.1991, ♀, Aşbişen, 28.VI.1996, ♀, Demirkent, 6.VI.1991, ♀, 8.VII.1992, ♀, Işhan, 5.VIII.1991, ♀; Aydın: İncirliova, 60 m, 22.VII.1994, ♂; Bingöl: 16.VII.1974, 3 ♀ ♀; Burdur: 19.VII.1993, 2 ♀ ♀, ♂, 24.IX.1993, ♂, Bucak, Çamlık, 17.VII.1996, ♀, Yarıklı, Yeşilova, 11.VII.1996, ♀, 12.VIII.1996, ♀; Diyarbakır: 13.VI.1990, ♀, 7.VIII.1985, ♀, 10.VIII.1983, 2 ♀ ♀; Erzincan: Çakırman, 28.VIII.1991, ♀; Erzurum: 1800 m, 1.VI.1983, ♀, İspir, 1300 m, 24.VII.1991, ♀, 16.VII.1992, ♀, ♂, Madenköprübaşı, 1100 m, 17.VII.1992, ♀, Oltu, Ayvalı, 20.VIII.1992, ♀, Olur, Taşlıköy, 12.VII.1991, ♀; Gaziantep: 12.VII.1993, ♀, ♂, 16.VII.1993, ♂, 14.VIII.1993, 2 ♂ ♂, 19.VIII.1993, ♂, 20.VIII.1993, 3 ♀ ♀, ♂; Hatay: 5.VII.1993, ♀, 6.VII.1993, 2 ♀ ♀, ♂, 30.VII.1993, ♀, İskenderun, 21.VII.1990, ♀, Kırkhan, 4.VII.1996, 2 ♀ ♀, 2 ♂ ♂; Iğdır: Melekli, 18.VII.1997, ♀; İsparta: Senirkent, 17.VII.1996, ♀; Konya: 8.VIII.1985, ♀; Malatya: 3.VII.1993, ♂, 4.VII.1993, ♀, 12.VII.1993, ♂, 13.VII.1993, ♀, 14.VII.1993, ♀, ♂, 17.VII.1993, ♀, 2.VIII.1993, ♀, 4.VIII.1993, ♂, 22.VIII.1993, ♂, 23.VIII.1993, ♂, 24.VIII.1993, ♂, 25.VIII.1993, ♂, 26.VIII.1993, ♂, 3.IX.1996, ♀, 10.IX.1996, ♂, Akçadağ, 28.VI.1996, ♂, 10.VIII.1996, ♀, Battalgazi, 15.VI.1996, ♂, 5.VII.1996, ♂; Mardin: Harput, Şimal Mezra, 20.VIII.1973, ♂; Muğla: 13.VIII.1983, ♀, 15.VIII.1983, 2 ♂ ♂, 20.VIII.1984, ♀, 26.VIII.1983, 2 ♂ ♂; Mus: 18.VIII.1996, ♀; Osmaniye: 18.VII.1993, 2 ♀ ♀, 10.VIII.1993, ♀, 15.VIII.1993, 4 ♀ ♀; Rize: Fındıklı, 22.VIII.1992, ♀.

Genus *Mustha* AMYOT & SERVILLE 1843

Mustha spinosula (LEFEBVRE 1831)

M a t e r i a l e x a m i n e d : Adana: 22.VIII.1992, ♂; Amasya: 19.VIII.1992, ♀; Antalya: Manavgat, 1.VII.1996, ♂, 30.VIII.1996, ♀; Artvin: 4.VII.1996, ♀, Yusufeli, 1.VII.1996, ♀,

Demirkent, 450 m, 6.VII.1994, ♀; Aydın: 20.VII.1996, ♂; Balıkesir: Bigadiç, 7.VI.1992, ♀, 1.VII.1992, ♂; Bingöl: 16.VI.1974, ♂; Burdur: 6.VII.1993, ♀; Gaziantep: 9.VII.1993, ♀; Isparta: Eğirdir, Ağıl, 22.VII.1991, ♂; İzmir: Bornova: 1.VIII.1995, ♀, Menemen, 7.VIII.1995, ♂; Konya: Güneysınır, Gurağaç, 1017 m, 11.VI.1999, ♂, 18.VI.1999, 3♀ ♀, ♂, 22.VI.1999, ♀, ♂; Mersin: Tarsus, 9.VII.1992, 2♂♂, 12.VII.1992, ♀, 18.VII.1992, ♂; Osmaniye: 18.VII.1993, ♀, 10.VIII.1993, 2♀ ♀, 17.VIII.1993, ♂; Rize: Fındıklı, 24.VIII.1992, ♀, 25.VIII.1992, ♀, 26.VIII.1992, ♂; Sanlıurfa: Halfeti, 20.VI.1991, ♀, 29.VI.1991, ♀.

Tribe P e n t a t o m i n i LEACH 1815

Genus *Acrosternum* FIEBER 1861

Acrosternum heegeri FIEBER 1861

M a t e r i a l e x a m i n e d : Antalya: Manavgat, 1.VII.1996, ♂; Ardahan: Posof, 30.V.1973, ♀; Artvin: 18.VIII.1990, ♀; Erzurum: Şenkaya, Turnalı, 1750 m, 25.VII.1996, ♀, ♂; İstanbul: Erenköy, 17.VII.1984, ♂, 24.VII.1984, 2♀ ♀; İzmir: Kemalîye, 20.VIII.1979, ♀; Muğla: Datça, Kızlan, 1.VII.1997, ♀; Trabzon: 30.VII.1990, ♀, 10.VII.1993, ♂, 30.VI.1996, ♀, Araklı, 8.IX.1995, 2♀ ♀, ♂, Kadirga, 13.VIII.1993, ♂, Yeşilova, 20.VIII.1991, ♀, 2♂♂.

Genus *Nezara* AMYOT & SERVILLE 1843

Nezara viridula (LINNAEUS 1758)

M a t e r i a l e x a m i n e d : Adana: Cevdediye, 4.IV.1969, ♀, Kozan, 29.VI.1983, ♂, 29.V.1985, 6♀ ♀, 2♂♂, 28.VII.1984, 2♀ ♀, ♂, 5.VIII.1995, ♀, Savruk, 1.VII.1996, ♀, 2.VII.1996, ♀, 10.VII.1996, ♀, Yumurtalık, 5.IV.1992, ♀, 3.VII.1993, ♀, ♂, 21.VII.1993, ♀, 22.VII.1993, ♀, ♂, 9.VIII.1993, ♀, 11.VIII.1993, ♀; Adıyaman: Hasancık, 650 m, 3.VII.2008, ♀, ♂, Besni, 29.VIII.1993, ♂; Antalya: 24.VII.1984, 2♀ ♀, 3♂♂, 14.VIII.1984, ♂, Gazipaşa, 3.VIII.1996, ♀, 11.VIII.1996, ♂, Kumluca, 10.VII.1993, 2♀ ♀, Manavgat, 1.VII.1996, ♀, 10.VIII.1996, ♀, Serik, 18.VII.1996, ♀, 7.VIII.1993, 2♀ ♀, 8.VIII.1993, ♀, 11.VIII.1993, ♀, 18.VIII.1993, ♀, 20.VIII.1993, 2♀ ♀, Turunçova, 7.VII.1995, ♀, 11.VII.1995, ♀, 16.VII.1995, ♀; Aydın: Susan, 22.VIII.1984, ♀, Yenihisar, 3.VIII.1996, ♀; Bayburt: Kop Mountain, Şehitler Çeşmesi, 2400 m, 21.VIII.2008, 2♀ ♀; Çankırı: Eskipazar, 11.IX.1984, ♀; Erzurum: University field, 1850 m, 16.VI.2007, ♂, 29.VI.2007, 2♀ ♀, ♂, 3.VIII.2008, ♀, İspir, Kan, 20.VIII.1990, 2♀ ♀, Narman, 1600 m, 5.VII.1980, ♀, Pasinler, 1600 m, 29.VI.1987, ♀, Şenkaya, Turnalı, 1750 m, 3.VI.1989, ♀, ♂, 29.VI.1989, ♀, Tortum, Kirazlı, 6.VI.1980, ♀, Kireçlidağı, 2100 m, 25.VI.1996, ♀; Gaziantep: 15.VII.1993, ♂; Hatay: 21.VII.1990, 3♀ ♀, İskenderun, Demen, 14.VII.1990, 7♂♂, ♀, 14.IX.1990, ♀; Isparta: 4.VII.1990, 3♀ ♀, Atabey, 10.VIII.1990, ♀, Serinkent, 18.VII.1996, ♀; İstanbul: Çamlıca, 18.VIII.1984, ♀; Kars: Sarıkamış, 2050 m, 14.VIII.2008, ♀; Malatya: Battalgazi, 12.VIII.1996, ♂; Manisa: Saruhanlı, 14.VIII.1984, ♂; Mersin: Gülhar, 4.VII.1990, ♀, Tarsus, 22.VII.1984, 4♀ ♀; Muğla: 26.VIII.1983, ♀, Datça, Kızlan, 3.VII.1997, ♀, 4.VII.1997, 6♀ ♀, 5.VII.1997, ♂, Yatağan, 28.VIII.1986, ♂; Rize: Ambarlık, 15.VIII.1990, ♀; Samsun: Çarşamba, 27.VIII.1995, ♂; Trabzon: 10.VIII.1993, ♂.

Genus *Piezodorus* FIEBER 1860

Piezodorus lituratus (FABRICIUS 1794)

M a t e r i a l e x a m i n e d : Adana: Sarıgazi, 10.VIII.1969, ♂; Adıyaman: Besni, 29.VIII.1993, ♂; Artvin: Hopa, 2.IX.1994, ♂, Yusufeli, Morkaya, 6.VI.1991, ♂; Burdur: 6.VII.1993, ♂; Kars:

Kağızman, 9.VII.1980, 2♀♀, 24.VII.1984, ♀, 23.VIII.1991, ♂, Sarıkamış, 2050 m, 14.VIII.2008, ♀; Mersin: Gülnar, 20.VII.1990, 2♀♀; Samsun: 20.V.1967, ♂; Şanlıurfa: Ceylanpınar, 400 m, 4.VII.1996, ♂; Trabzon: 10.VII.1990, ♂.

Genus *Rhaphigaster* LAPORTE DE CASTELNAU 1862

Rhaphigaster nebulosa (PODA 1761)

Material examined: Adana: 19.VIII.1992, ♂; Ankara: Kızılören, 14.VII.1996, ♀; Antalya: Turunçova, 4.VIII.1995, ♂, 7.VIII.1995, ♀; Artvin: Yusufeli, 15.VIII.1991, ♀; Aydın: Yenihisar, 2.VIII.1996, ♂; Bingöl: 11.VI.1974, ♀; 16.VI.1974, ♀; Erzincan: Üzümlü, 29.V.1991, ♀; Gümüşhane: 17.VI.1979, ♀; Hakkâri: Uludere, 9.IX.1974, ♂, Şemdinli, 9.IX.1974, ♂; İğdir: 9.VI.1974, ♀; 16.VII.1997, ♀, 21.IX.1977, ♀; İstanbul: Çamlıca, 25.VIII.1984, ♂, Erenköy, 19.VII.1984, ♂; Kütahya: Simav, 3.X.1985, ♀; Malatya: 6.VII.1993, 2♂♂, 7.VII.1993, ♂, 26.VII.1993, ♂, 5.IX.1996, ♂; Muğla: 22.VIII.1993, ♀, ♂, Datça, Kızlan, 3.VII.1997, ♂, 14.VII.1997, ♀; Trabzon: Maçka, 27.VII.1996, ♂.

Subfamily *P o d o p i n a e* AMYOT & SERVILLE 1843

Genus *Graphosoma* LAPORTE De CASTELNAE 1832

Graphosoma italicum (MÜLLER 1766)

Material examined: Adıyaman: Besni, 22.VIII.1993, ♀, ♂, 29.VIII.1993, ♀, Kahta, Nemrut, 1650 m, 2.VII.2008, ♂; Ankara: 21.VII.1995, 2♀♀, Kalecik, 13.VIII.1990, ♀; Antalya: 11.VIII.1997, ♀, Aspendos, 26.VIII.1993, ♂, Kumluca, 2.VII.1993, 2♀♀, Manavgat, 2.VII.1996, ♀, 7.VII.1996, ♀, 10.VII.1996, ♀, 2.VIII.1997, ♂, 15.VIII.1996, ♂, 15.VIII.1997, ♂, Serik, 11.VII.1996, ♀, 26.VII.1996, ♀, 23.VIII.1996, ♂, Turunçova, 16.VII.1995, ♀, 1.VIII.1995, ♀, 9.VIII.1995, ♀; Burdur: 6.VI.1993, ♀, 6.VII.1993, 9♀♀, 7♂♂, 6.VIII.1993, 2♂♂, Bucak, Çamlık, 4.VII.1996, ♀, ♂, 6.VII.1996, 2♀♀, 7.VII.1996, 2♂♂, 8.VII.1996, ♂, 9.VII.1996, ♀, 11.VII.1996, ♀, ♂, 13.VII.1996, ♀, ♂, 14.VII.1996, ♂, 15.VII.1996, ♀, 19.VII.1996, ♀, ♂, 20.VII.1996, ♀, 23.VII.1990, ♀; Bursa: 3.VII.1996, ♀, ♂; Erzincan: Kemaliye, 30.V.1991, ♂, 20.VIII.1979, 16♀♀, 6♂♂; Erzurum: University field, 1850 m, 10.VIII.2007, ♂, Oltu, Sütkans, 1500 m, 25.VI.1996, ♀, Tortum, Pehlivanlı, 1300 m, 12.VII.1992, ♂; Gaziantep: 30.VIII.1993, ♀; Isparta: Senirkent, 5.VII.1996, ♀, ♂, 7.VII.1996, ♂, 8.VII.1996, ♂, 9.VII.1996, 2♀♀, 12.VII.1996, 3♀♀; İstanbul: Tuzla, 20.IX.1994, 2♀♀, 3♂♂; Kars: Sarıkamış, 2050 m, 14.VIII.2008, ♀; Konya: 9.VII.1995, ♀, Beyşehir, Gökçimen, 21.VIII.1997, ♂, Güneysınır, Güragaç, 1017 m, 10.VII.1998, ♀; Muğla: 10.VIII.1983, ♀, 16.VIII.1983, ♀; Sinop: 20.VII.1977, 2♀♀, 2♂♂, Yalova: 14.VIII.1996, ♀.

Graphosoma melanoxanthum HORVATH 1903

Material examined: Erzurum: Dutçu, Komyolu, 2200 m, 18.VII.2007, ♀, Oltu, Sütkans, 1500 m, 25.VI.1996, ♂.

Graphosoma semipunctatum (FABRICIUS 1775)

Material examined: Adıyaman: Besni, 22.VIII.1993, 4♀♀, 2♂♂, 29.VIII.1993, ♀; Antalya: 7.IX.1995, ♂; Bursa: 1.VII.1996, ♀; Elazığ: İçme, 900 m, 23.VII.2005, ♀; Erzurum: Şenyurt, 2000 m, 27.VI.1996, ♂, İspir, Madenköprü, 1100 m, 7.VII.1996, ♂, Oltu, 1750 m, 17.VI.1996, ♀, Şenkaya, Akşar, 1300 m, 23.VIII.1997, 8♀♀, 2♂♂, 28.VIII.1997, ♀, ♂, Tortum, Kaledibi, 1500 m, 5.VII.1992, ♀, ♂, Kireçlidağ, 2100 m, 25.VI.1996, ♀, 2♂♂, Pehlivanlı, 1300 m, 12.VII.1992, ♀, ♂; Kars: Sarıkamış, Akkurt, 1650 m, 25.VIII.1997, 2♀♀.

Zusammenfassung

Vorliegende Studie behandelt Pentatomiden-Material, das im Zeitraum 1963 bis 2008 an verschiedenen Orten der Türkei gesammelt wurde. 35 Arten aus 21 Gattungen und drei Unterfamilien (Asopinae, Podopinae und Pentatominae) konnten nachgewiesen werden.

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